cino

F700 Series

The Rugged, Compact High performance, bar code linear imager.

FuzzyScan™

RoHS

- **Rugged and compact design withstands multiple drops on concrete from 1.6 meters**
- **Superior NeuroFuzzy decoding engine, reads poor printing bar codes**
- **High speed scanning rate for snappy bar code capture**
- **Choices of High-Density and Long-Rang models**
- **Embedded outstanding DataWizard to meet most of data editing requirements**
- **All-in-one universal interface link to most popular host machines**
- **Snap-in, detachable interface cable**
- **Blue color LED for power indication**
- **Vibrator option for noisy working environment**

The all new FuzzyScan F700 series Long Range Linear Imager,DynaTrack, has set up a new standard as the best cost-performance ratio solution for Aim-and-shoot data capture application. Equipped with the innovative DynaTrack (patent pending)system, the F700 automatically capture the best possible bar code image through intensive controls among the illumination, image capture, and image processing systems. Advanced optical design gives bright and sharp aiming line, just like laser beam. This has actually brought the F700 DynaTrack into the application territory used to beconsidered for laser scanner only!

The famous Neuro Fuzzy decoding platform is now further enhanced by the DynaTrack system to give snappy and accuratereadings on various real world bar codes, i.e. poor printing contrast or quality. Allthese have made the new F700 DynaTrack series the best performer among its class. Aimed at high-density datacapture, the F700 series are designed with extra delicate optics. In applications of high-density labels in electronic and fine jewelry industries, the F700 can easily capture the bar image with elegant aiming line. Up to 2.7-mil reading resolution, F700 ispushing the reading performance to top ofits class.

To work with wide-spread host systems in the field, the F700 DynaTrack series are designed with universal interfacs feature. Through easy configuration set up and cable change, the F700 DynaTrack series can instantly be switched from one host to the other.
This feature has been proofed to save more than 50% inventory capital investment for corporate users where various host systems are used.

While continuously adding new functions and features, PC Worth never leaves our worldwide partners aside. Via the most advanced electronic technology, the FuzzyScan family has been implemented with flash memory for years. Teamed with the most user-friendly Windows based software utility, the FuzzyScan Power.NET, in the worldwide AIDC industry, every single unit of the F700 DynaTrack used in any place in the world can be upgraded with our most recent release easily via simple upgrade tool set. This is just part of the long term commitment we made to support our products worldwide.
The all new FuzzyScan F700 series with DynaTrack, the best choice for serious bar code reader users!

F700 Series Specification Highlights

Superb bright aiming line for user visibility

Durable design withstands multiple drops from 1.6 meters.

Snap-in, detachable interface cables design link to most popular hosts

Compatible with most popular hosts by "all-in-one" universal interface

Optical

Optical System	Improved Linear Imaging Engine	
PCS	Typical 0.3 (0.26mm Resolution)	
Resolution	**F765** High-density Model : Maximum 3 mil (PCS > 0.8)	**F760** Long-range Model : Maximum 4 mil (PCS > 0.8)
Depth of Field **(Code 39, PCS=0.9)**	**F765 High-density Model** 3 mil (0.076mm)Resolution: up to 3-4 inches 4 mil (0.1mm)Resolution: up to 4-5 inches 5 mil (0.127mm)Resolution: up to 5-6 inches 10 mil (0.25mm)Resolution: up to 7-8 inches 20 mil (0.50mm)Resolution: up to 9-10 inches	**F760 Long-range Model** 4 mil (0.1mm)Resolution: up to 4-5 inches 5 mil (0.127mm)Resolution: up to 5-6 inches 10 mil (0.25mm)Resolution: up to 8-9 inches 13 mil (0.33mm)Resolution: up to 10-12 inches 20 mil (0.50mm)Resolution: up to 12-14 inches
Light Source	630nm visible red LED	
Scan Engine	Dynamic scanning rate up to 300 scans/sec for High-density Model	Dynamic scanning rate up to 500 scans/sec for Long-range Model
Reading Direction	Bi-directional (forward and backward)	
Tilt Angle **(ENA13, PCS=0.9, 13 mi)**	Forward and backward : Typical 2 - 20 Left and right : Typical 0 - 15 ; Rotation : 15 ; Curvature : R=25mm	
Readable Bar Code Symbologies	Codabar & NW-7 Code 39 & Full ASCII Code 39 Code 32 & IATA UPC/EAN/JAN/CAN w/Addendum Standard & Industrial 2 of 5 Interleaved & Matrix 2 of 5 GS1 DataBar (RSS) - Limited/Expanded	Code 128 & UCC/EAN-128 Code 11 & Code 93 German ITF Postal Code Mainland China Postal Code Telepen (Numeric & Full ASCII) MSI/Plessey & UK/Plessey

Operational

Operating Modes	Toggle mode Trigger mode	Force mode Diagnostic mode	Flash mode Level mode	Alternative mode Low power mode
Host Interfaces	Generic, PC/AT, PS/2 keyboard wedge Generic PC/AT and PS/2 keyboard direct-link Generic Notebook PC keyboard direct-link Standard/TTL RS-232 peer-to-peer serial interface Standard/TTL RS-232 serial wedge Pseudo (Inverted) RS-232 serial interface Laser emulation & Wand emulation USB Serieal			
Configuration Setup	Bar code programming manual Windows utility - FuzzyScan PowerTool.NET			
Data Editing	Condensed DataWizard via bar code programming manual Full-feature DataWizard via FuzzyScan PowerTool.NET			
Special Features	Field Upgrade via FuzzyScan PowerTool.NET			
Cable Structure	Snap-in Detachable Interface cable			
Available interface cables	USB HID keyboard USB Serial PS/2 keyboard wedge RS-232 Serial (9- pin D-sub)			
Good read vibrator (Optional)	For noisy environment usage Support good read vibvational indication			

Mechanical

Length	97.8 mm
Width	70.5 mm
Depth	156.2 mm

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